

2002/1082012

5,241,685

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CLIPPEDIMAGE= JP02001078242A

PAT-NO: JP02001078242A

DOCUMENT-IDENTIFIER: JP 2001078242 A

TITLE: RADIO COMMUNICATION CONTROLLER AND HANDOFF CONTROL METHOD

PUBN-DATE: March 23, 2001

INVENTOR-INFORMATION:

NAME

WAKUTA, TATSUYA

KOIKE, ICHIRI

SATO, RYUICHI

COUNTRY

N/A

N/A

N/A

doesn't match

ASSIGNEE-INFORMATION:

NAME

FUJITSU LTD

COUNTRY

N/A

APPL-NO: JP11248335

APPL-DATE: September 2, 1999

INT-CL (IPC): H04Q007/22;H04Q007/28 ;H04Q007/34

ABSTRACT:

PROBLEM TO BE SOLVED: To increase the success rate of a handoff and to establish a stable call state by varying a threshold set to a mobile station according to the quality of a radio line to the mobile station and performing a handoff processing.

SOLUTION: A threshold varying means 11 increases the threshold of the mobile station MS when a handoff limiting means limits a handoff. In this case, a handoff processing execution means 12 performs a handoff processing when receiving a reference signal whose level exceeds the threshold from another

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radio base station and receiving a signal sent from the mobile station MS.
When the handoff threshold is set to TH0, handoff control is activated at the position where the level L1 of the reference signal from a radio base station 1 is high and the level L2 of the reference signal from the radio base station 2 is low. An air message of handoff indication from the radio base station 1 reaches the mobile station MS completely, so that the handoff is easily successful.

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